

SECURITIZATION

Services

Workshop
Efficient Cover Pool Management
Reporting for Covered Bonds and Securitization

Warsaw, 6th of March 2014

Official partner of



TXS – Services for Processing

TXS assists banks and corporates to process securitization transactions. The service is based on a software that was especially developed for securitization and is operated in a professional and certified computer center.

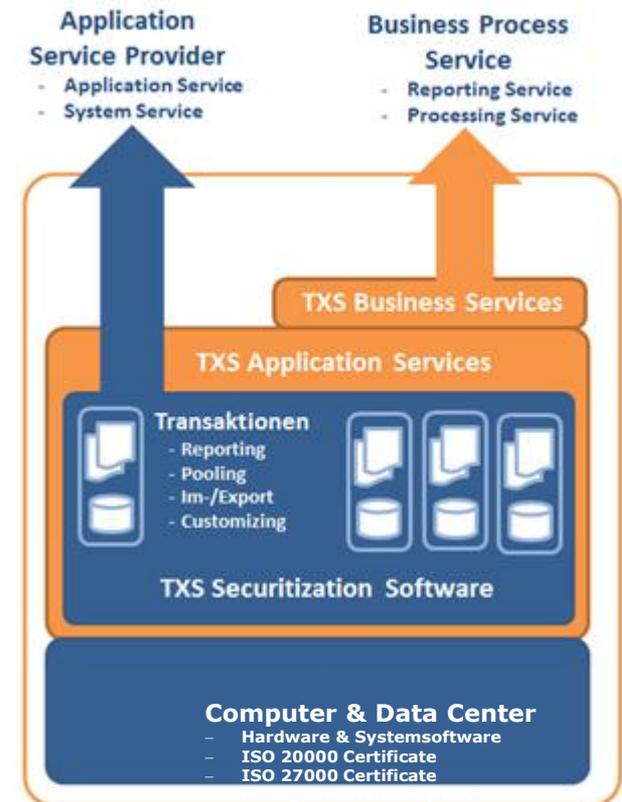
Within the transaction processing **TXS** can take on various roles in compliance with the customer processes:

- **Application Service Provider**

As a solution provider **TXS** provides the securitization software to the customer via a secured data line. The customer can optimize the structuring and management of the transaction over its life time

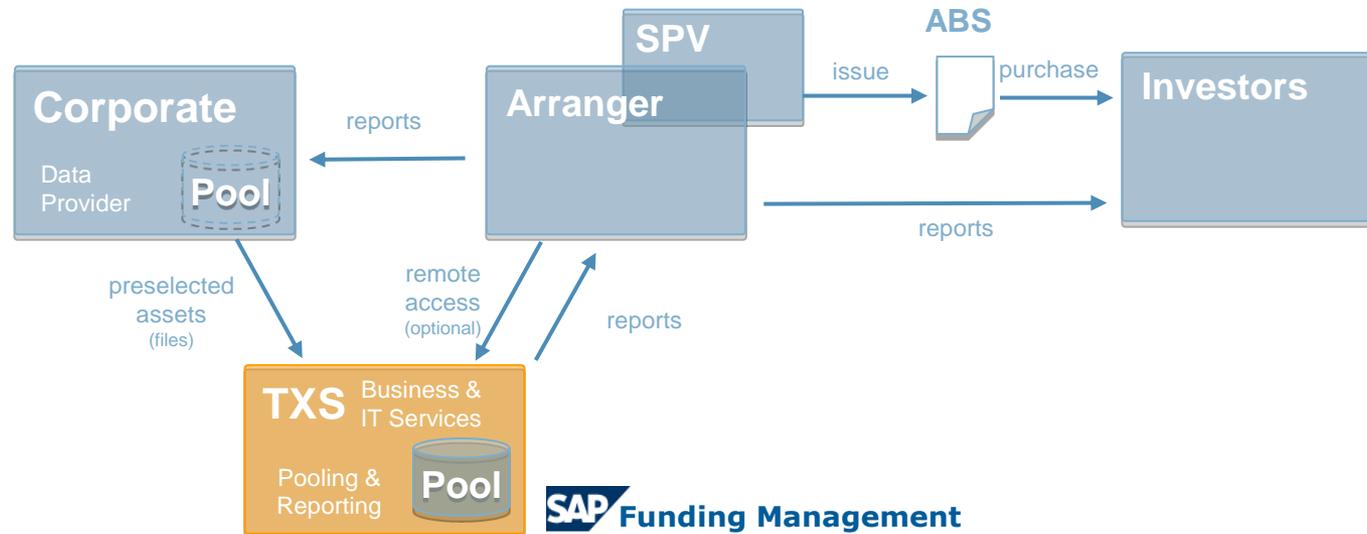
- **Business Process Service**

Additionally as an agent **TXS** takes over the processing tasks of the originator or the arranger e.g. reporting, replenishment and monitoring of the transaction



Application Service Provider for Arrangers

For arranging banks **TXS** provides the securitization software to supervise the pool and create the investor reporting. TXS supports with business/IT know-how and flexible changes of the software according the requirements.

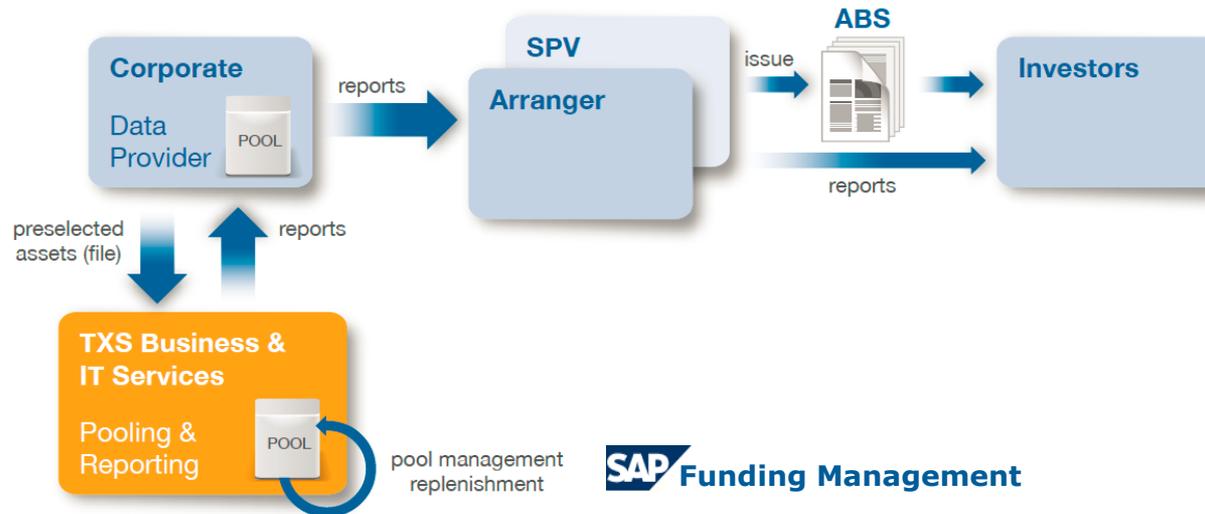


The arranger increases its services portfolio towards the customer and therefore increases its attractiveness.

Full Service Securitization for Corporates

Additionally **TXS** offers a complete reporting and administration service. The customer delivers only the required data and optionally has the possibility of a remote access to the securitization software. **TXS** structures/replenishes the pool and creates the contractual investor reports for the corporate.

TXS Services in the transaction process



The corporate does not depend on arrangers offering such a service. It also reduces the transaction/project costs for new reporting systems and the costs of administrative employees.

TXS Securitization Solution: SAP Funding Management

Overview of the securitization transactions and funding program

Functions for the management of securitization transactions:

Pool Structuring

- Eligibility criteria
- Concentration limits

Pool Monitoring

- Definition of triggers
- Definition of key figures
- Managing of cash flows

Replenishment

- Buybacks
- New purchases

Import and export of data

Pool Management

- View of all assets in the pool
- Detailed information to each asset

Reporting Options

Stratification Reports

<u>Outstanding Asset</u>			
Closing Asset Balance in TEUR	Number of Assets	in % of EOP Active Accounts	Closing Asset Balance
>= 0 and < 5.00	9,065	25.04%	€24,146,313.21
>= 5.00 and < 10.00	11,074	30.58%	83,460,504.50
>= 10.00 and < 15.00	8,874	24.51%	109,105,167.34
>= 15.00 and < 20.00	4,563	12.60%	78,302,447.08
>= 20.00 and < 25.00	1,738	4.80%	38,311,174.33
>= 25.00	894	2.47%	26,601,044.09
Total	36,208	100.00%	€359,926,650.55

Cashflow Reports

Outstanding nominal amounts as of:	Aggregate Outstanding Purchased Assets (EUR)
18.01.2012	829.799.440,22
15.02.2012	808.114.151,16
15.03.2012	788.106.071,18
15.04.2012	767.769.361,39
15.05.2012	748.726.033,32
15.06.2012	729.778.387,75
15.07.2012	709.423.174,32
15.08.2012	688.625.185,02
15.09.2012	668.353.044,47
15.10.2012	648.283.867,65
15.11.2012	629.535.483,33
15.12.2012	610.900.308,37
15.01.2013	591.698.116,68

Enhancement Reports

Minimum First Loss Reserve	✓	53.799.876,40
First Loss Reserve = SubLoan I (bop)	✓	51.679.649,64
+ new Loss Reserve tranche from Seller	✓	2.483.771,41
+ recoveries (late Collections)	✓	0,00
+ recoveries (Pro Rata Share of Enforcement proceeds)	✓	409.324,18
./. Defaulted Lease Receivables (nominal amount)	✓	772.868,83
./. bonifications to Seller	✓	0,00
= First Loss Reserve = SubLoan I (eop)	✓	53.799.876,40

Highlights

- Calculation and analysis of waterfall structures
- Access to historical data
- Reporting in different formats available (Excel, PDF, XML ...)
- Reporting via batch / online controllable
- TXS Template Reports available for an easy adoption of transaction specific reports

Reporting Templates (reusable)

TXS Reporting Service
INVESTOR-REPORT

January 2013



Transaction **German Leasing ABCP Transaction**
TXS Template Report V1.0

Seller **Hamburg Harbour Leasing (HHL)**

MAN FS Plc. : Reporting of TRUCKNOLOGY UK LEASES



There are approximately 20 - 40 specialized and complex individual reports that are summarized into one monthly investor report

Transaction	Truckology	Determ. Date	15.12.2012
Seller	MAN Financial Services Plc.	Settlem. Date	15.12.2012
Assets	Lease Receivables	No. of Settlem.	1

01/

Involved Parties

- 01 Involved Parties

02/

Funding Report

- 01 Overview
- 02 Enhancement Report (Part 1)
- 03 Mezzanine Loan Report (Lease Receivables)
- 04 Funding Allocation Report (Summary)

03/

Settlement Reports

- 01 Settlement Report
- 02 Portfolio Trigger - Debtor Concentration
- 03 Portfolio Trigger - Internal Debtor Rating
- 04 Portfolio Trigger - Regional Distribution
- 05 Portfolio Trigger - 6 months Net Loss Ratio
- 06 Portfolio Trigger - Payment Mode Trigger
- 07 Portfolio Trigger - 3-/12-months Default Ratios
- 08 Portfolio Trigger - 3-months Delinquency Ratios
- 09 Portfolio Trigger - Loss Reserve Account Reduction
- 10 Portfolio Report - Distribution of Assets according to Type of Lease Agreements
- 11 Portfolio Trigger Report - Hire Purchase Receivables
- 12 Portfolio Trigger Report - Weighted Average Maturity
- 13 Portfolio Report - WA Seasoning and WA average remaining life
- 14 Portfolio Trigger- Distribution of Assets according to Manufacturer
- 15 Portfolio Trigger- Distribution of Assets according to condition
- 16 Deemed Collection
- 17 Portfolio Report - Amortisation Profile

Legal Disclaimer

All of the information contained in this set of reports and the Analysis is based on information and data obtained from the Seller. Landesbank Baden-Württemberg undertakes no duty of due diligence or independent verification of any information and has not audited or verified the truth or accuracy of any such information. As a result any information in these reports is without any representation or warranty of Landesbank Baden-Württemberg. Each and any analyses, statements, or derivations made in these reports are an opinion only and do not create a fiduciary relationship between us, banks, investors, and other third parties using them. The information contained in these reports should not be viewed as a projection, forecast, prediction or opinion with respect to the future performance of the portfolio. Banks, investors and other third parties are advised to review the reports and/or the Analysis carefully.

Customer Examples for the TXS Reporting Service



GERMAN MITTELSTAND EQUIPMENT FINANCE No. 1

Contents

German Mittelstand Equipment Finance No. 1
Monthly Investor Report

Cut-Off Date: DD.MM.YYYY
 Reporting Date: DD.MM.YYYY
 Payment Date: DD.MM.YYYY
 Period No.: x
 Interest account Period: DD.MM.YYYY
 to: DD.MM.YYYY
 Days: 0
 Base Interest Rate in % (1-Month Euribor): x

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10 13	Waterfall (I) & (II)
11	Outstanding Contracts
12	Collaterals
13	Trigger
14	Distribution of Top 40 Leases

Appendix:

A-C	Information regarding the Lease Pool
T	Scheduled Amortisation Profile
U	Expected Amortisation Profile

IKB Leasing - The entrepreneurial decision. 2

■ IKB Leasing:

German Mittelstands Equipment Finance No. 1



Transaction	Technology	Cover. Date	16.12.2012
Order	MAN Finance Services Plc.	Order Date	16.12.2012
Asset	Lease Receivables	no. of pages	1

01/ Involved Parties

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02/ Funding Report

01 Overview
 02 Enhancement Report (Part 1)
 03 Mizuizawa Loan Report: Lease Receivables
 04 Funding Allocation Report (Summary)

03/ Settlement Reports

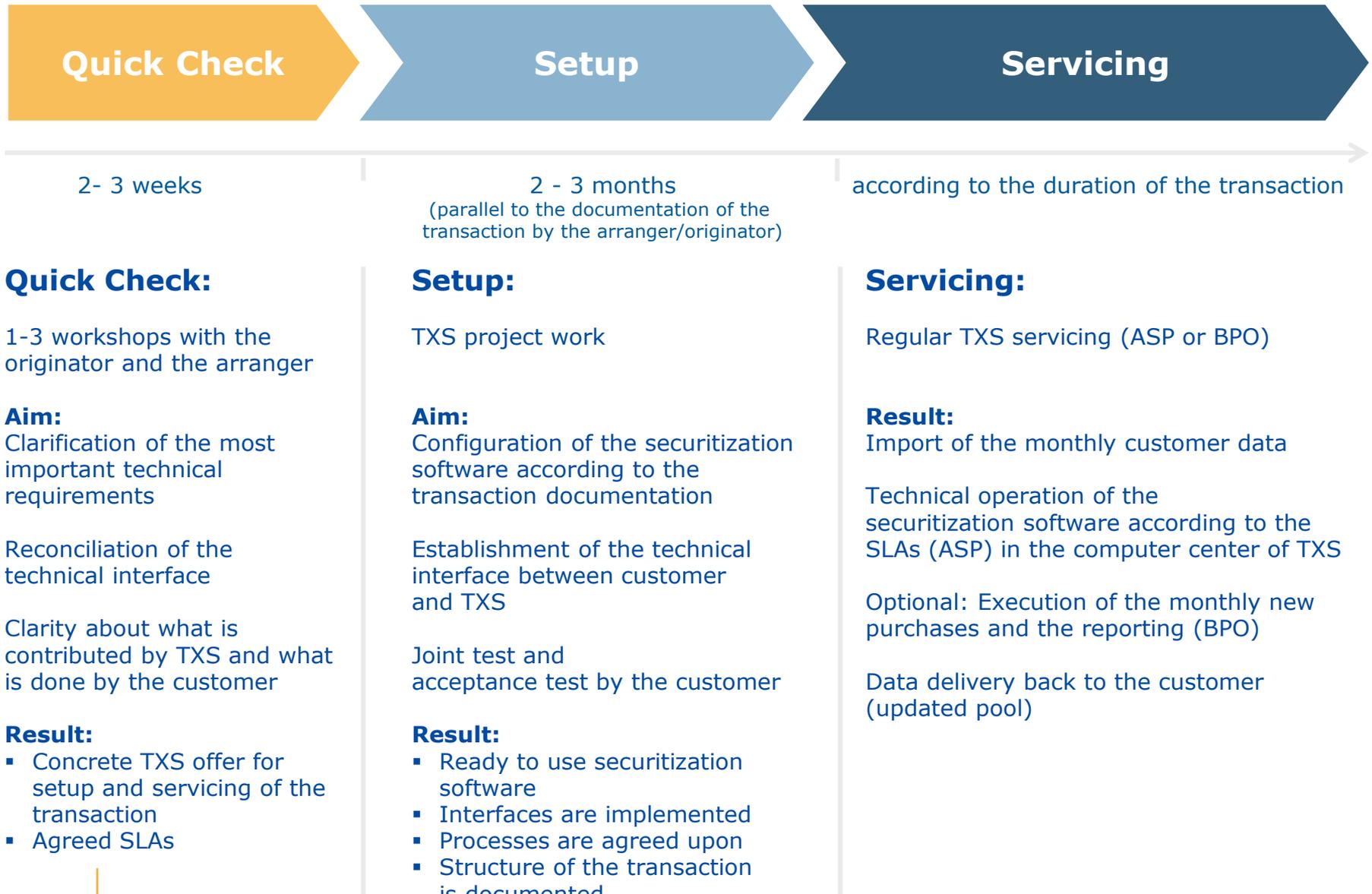
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■ MAN Finance Int.:

TRUCKNOLOGY UK LEASE

Implementation Approach



Results of the Setup Project

Interface:

Documentation of the agreed interface format with the customer

- Based on the TXS template „Interface Definition“

Transaction Structure:

Documentation of the transaction on how it has been structured and integrated

- Based on the TXS template „Transaction Structure“

Reporting Template:

Documentation of the needed transaction specific reporting template

- Based on the available TXS reporting templates

Processes:

Documentation of the processes between customer and TXS

- Based on the TXS template „Process Guide“
- Definition of a handover point to ensure that the responsibilities are clearly assigned and for the measurement of the agreed TXS SLAs

TXS Service for Securitization Transactions in 2013

Originator	Transaction	
 IKB Leasing	IKB – Weinberg	ASP*
 IKB Leasing	GMEF #1	BPO
 IKB Leasing	ABCP Transaction <i>SetUp</i>	BPO
 MAN Finance	TRUCKNOLOGY D LEASE	ASP*
 MAN Finance	TRUCKNOLOGY D LOANS	ASP*
 MAN Finance	TRUCKNOLOGY UK LEASE	BPO
Auto	Auto Receivables <i>CleanUp</i>	ASP*
 abc bank	abc SME Lease Germany	BPO
 Creditplus BANK	Retail Consumer CP	BPO

Originator	Transaction	
 Deutsche Leasing	OPUS alpha	License**
 Deutsche Leasing	OPUS lambda	License**
 DG HYP	PROSCORE	License
 ING DiBa	Pure German Lion	License
Canadian Bank	CMHC – MBS	License**
Canadian Bank	CMHC – MBS	License**

* Application Service Partner of 

** OEM Partner of 

Your Benefits

- Rapid implementation of securitization transactions
 - Reduction of IT investment and cost
 - Sustainable reporting and presentation to your investors
 - Reuse business experience we made with our installed base customers
 - Profit from knowledge transfer into your securitization team
- Build up a professional service to your investors!**

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